

WHAT IS CLAIMED IS:

1. A method for the eradication and control of methicillin-resistant staphylococcus aureus and for the prevention of the development of antibiotic drug resistance in staphylococcus aureus bacteria which comprises administering to a human or other warm blooded animal, infected with such bacteria, the compound 4,4-methylenebis(tetrahydro-1,2,4-thiadiazine-1,2-dioxide).
2. A method for the prevention of bacteria to bacteria transfer of plasmid materials containing genes capable of resisting antibiotics which comprises administering to a human or other warm blooded animal harboring bacteria containing such plasmids the compound 4,4-methylenebis (tetrahydro-1,2,4-thiadiazine-1,2-dioxide).
3. The method of claim 1 wherein said 4,4-methylenebis (tetrahydro-1,2,4-thiadiazine-1,2-dioxide) is combined with an additional antibiotic or antibiotics.

09915121.072501

ins.
A4